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Investigation of Lubricating Action in Deep  
Drawing Using a Model, by S. Ya. Veiller, L. A.  
Shreiner, P. A. Nebinder

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p. 5.  
DESCRIPTORS: \*Cutting tools, Drills, Rock, Hardness

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I. Shreiner, L. A.  
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<p>Shreiner, L. A. and Pavlova, N. N. EXPERIMENTAL DATA ON THE FATIGUE BREAK- DOWN OF ROCKS. [1961] 7p. Order from ATS \$10.00</p> <p>Trans. of Akad[emiya] Nauk SSSR. Inst[itut] Nefti. Trudy, 1958, v. 11, p. 46-52.</p> <p>DESCRIPTORS: Fatigue (Mechanics), *Rocks, USSR, Experimental data.</p> <p>(Earth Sciences--Geology, TT, v. 6, no. 11)</p>	<p>61-25470</p> <p>I. Shreiner, L. A. II. Pavlova, N. N. III. ATS-93N53R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
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MECHANISM OF PULVERIZATION OF HARD ROCKS  
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6 refs.  
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DESCRIPTORS: \*Rock, Fracture (Mechanics), Me-  
chanical properties, Geology, Fatigue (Mechanics),  
\*Drills, \*Cutting tools.

(Earth Sciences--Geology, TT, v. 9, no. 4)

62-16670

I. Shreiner, L. A.  
II. Pavlova, N. N.

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VEILER, S. Ya.  
~~SHREINER~~, L. A.

On the Importance of Activated Liquid Lubricants-  
Coolants in the Deep Drawing of Steel.

ZHURNAL TEKHNIЧЕСКОИ ФИЗИКИ, vol 19, 1949,  
No 1, pp 34-7; 1800 words.

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INTERNAL STRESSES IN EPOXY RESIN FILMS.  
[1963] [6p] 8refs  
Order from OTS or SLA \$1.10

63-20272

Trans. of Vysokomolekulyarnye Soedineniya (USSR)  
1962, v. 4 [no. 11] p. 1714-1717.

~~SECRET~~ CFSI TT-65-60817 (ICAN)

DESCRIPTORS: \*Epoxy plastics, \*Thermal stresses,  
\*Plastic films, Hardening.

The increase and relaxation of stresses in epoxy resin  
ED-5 films in relation to their hardening temperature  
was investigated by a visual optical method. Thermal  
stresses arise at elevated temperatures. The relaxa-  
tion of these stresses proceeds according to Shvedov's  
equation. The relaxation periods depend upon the  
nature of the hardening agent. With films formed in  
the presence of polyethylenepolyamine, equal and non-  
(Materials--Plastics, TT, v. 10, no. 10) (over)

63-20272

I. Shreiner, S. A.  
II. Zubov, P. L.  
III. Volkova, T. A.

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THE EFFECT OF INTERNAL STRESSES ON THE  
ADHESIVE PROPERTIES OF GELATIN FILMS, tr. by  
Donald C. Rich. 4 Aug 61 [10]p. 4 refs. ARGMA  
Trans. Nr 49-61.  
Order from OTS or SLA \$1.10

61-27777

Trans. of #Kolloidnyi Zhurnal (USSR) [1960] v. 22,  
no. 4, p. 497-502.

DESCRIPTORS: \*Gelatin, Adhesion, Stresses, Theory.

The non-uniform nature of the internal stress distribution between the surfaces of glue layers was established by the optical method. The kinetics of the development of internal stresses during formation of films on glass surfaces was investigated and the linear dependence of stresses on the thickness of the films was disclosed. In thick films, formed on the glass substratum, there arise stresses which lead to a breaking away of the (Chemistry--Physical, TT, v. 6, no. 10) (over)

61-27777

- I. Shreiner, S. A.
- II. Zubov, P. I.
- III. ARGMA Trans-49-61
- IV. Army Rocket and Guided  
Missile Agency, Redstone  
Arsenal, Ala.

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Properties of Gelatin Films, by S. A. Shreiner,  
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by S. A. Shreinor, P. I. Zubov, A. S. Arvan, 3 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXIII, No 3,  
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Mar 62

TT-65-62744

Field 20F

Shreyder, E. Ya.

MEASUREMENT OF INTENSITIES IN THE VACUUM  
SPECTRAL REGION (Izmerenie Intensivnosti v Vakuumnoi  
Oblasti Spektra), Apr 65, 51p. NASA-TT-F-9317;  
N65-22619.

Order from CFSTI, SLA, or ETC: HC\$2.00, MF\$0.50 as  
N65-22619

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR) v34 n12  
p2089-111 1964.

See also 'Translated or Abstracted Publications,' in  
TT Vol. 14, No. 8.

J. National Aeronautics and  
Space Administration,  
Washington, D. C.

TT-65-62744

Field 20P

Shreyder, E. Ya.  
MEASUREMENT OF INTENSITIES IN THE VACUUM  
SPECTRAL REGION (Izmerenie Intensivnosti v Vakuumnoi  
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I. National Aeronautics and  
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Measurement of Intensities in the Vacuum Spectral  
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2. Scheduling--Theory
3. Games theory--Applications
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The Physico-Chemical Influence of Liquid Media  
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The Determination of the Internal Stresses Produced  
When Solid Surfaces are Glued to one Another, by  
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N. N. Kovalev. Feb 61 [8]p. 4 refs. RTS 1534.  
Order from LC or SLA ml\$1.80, pt\$1.80 61-15907

Trans. from mono. Gidroturbostroyeniye, v. 4,  
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- I. Turbines--Development
- I. Shiro, I. I.
- II. Kovalev, N. N., ed.
- III. RTS-1534
- IV. Department of Scientific  
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The Primary Form of Intestinal Anthrax, by  
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Steric Hindrance in Molecules of 2-Arylbenzthiazoles.  
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Compounds Obtained by Coupling A Diazo Compound  
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M. S. Zhedek, S. S. Shtal, M. A. Gorinshtein,  
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